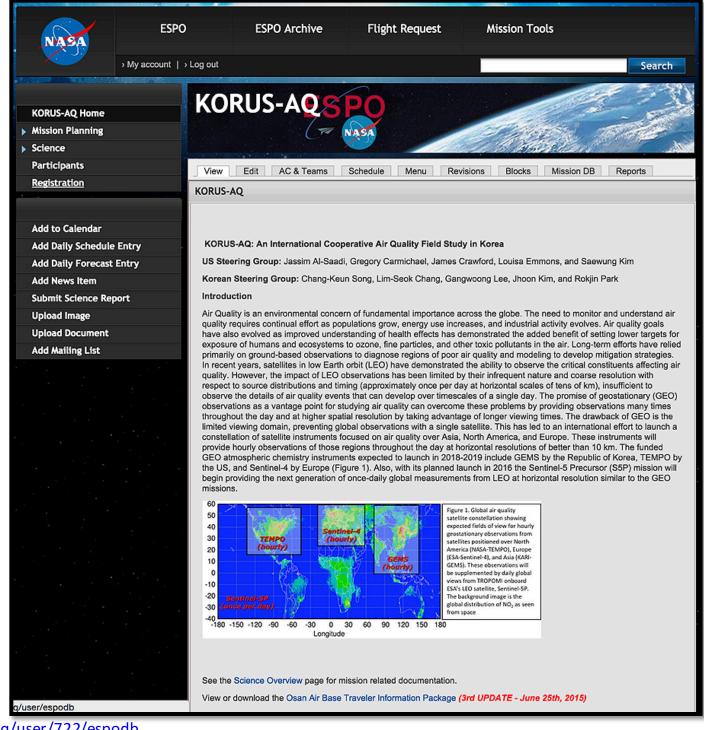
KORUS-AQ

KORUS Logistics

- Project Registration
- Osan AB Access
- Lodging
- Transportation on the Base
- Work Areas
- Base Restrictions

Project Registration for AFRC Visit (2015) and KORUS **AQ** Mission (2016)

Request an Email invitation to register on the database.



Project Registration

Contact Information

Phone number, address, email address, passport style picture...

Travel Intentions

- Dates of Work at Osan Air Base
- Indicate if lodging is required

Personal Information

 Date of birth, Korean ID, passport information, scanned picture of KID and passport.

Project Registration

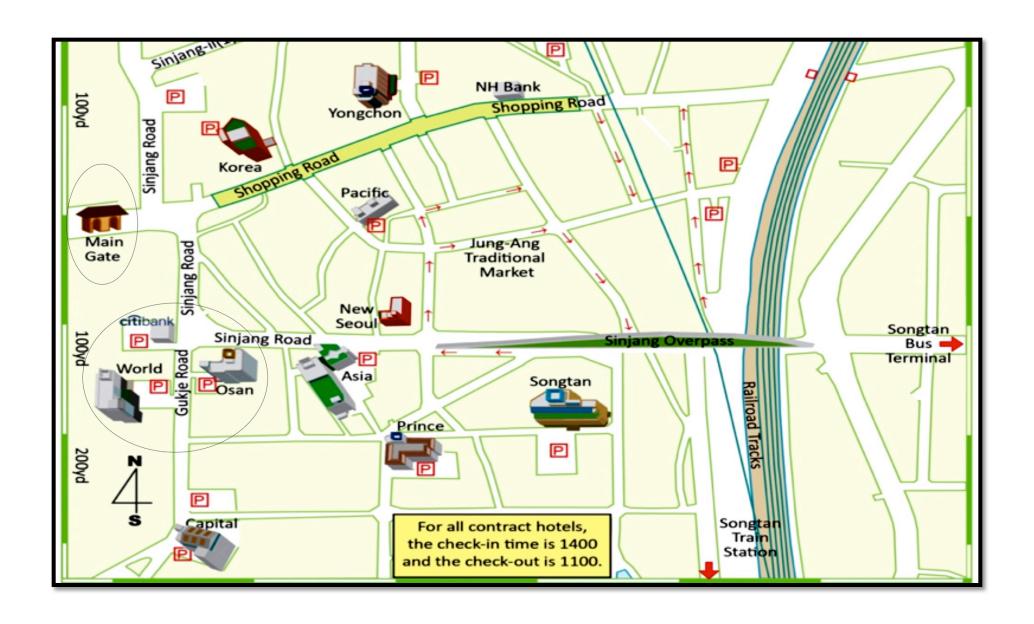
- Information and forms for access to DC-8 aircraft: *Medical forms, waivers, etc.*
- Deadlines:
 - Visit to Armstrong Flight Research Center (Nov 2-6 in Palmdale, California):
 - DEADLINE: September 18th, 2015.
 - KORUS-AQ mission (Osan AB):
 - DEADLINE: January 15th, 2016
- For more information or help contact the Earth Science Project Office (ESPO):
 - Jhony Zavaleta and/or Kent Shiffer

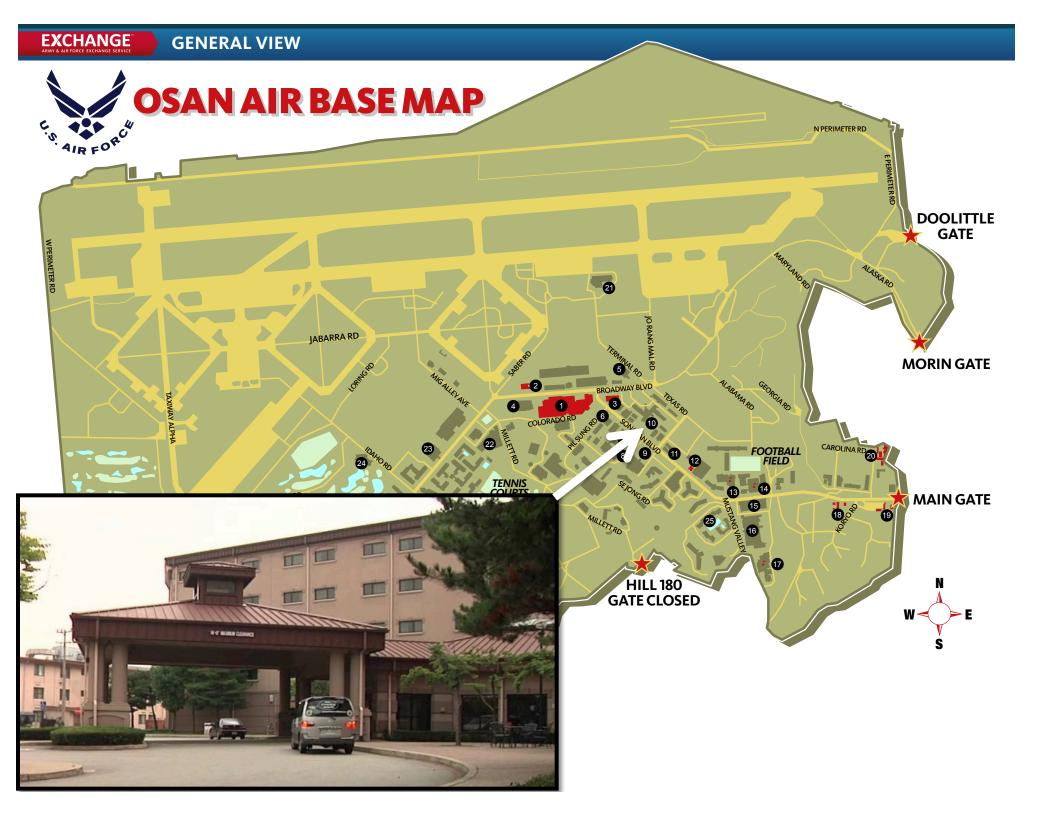
Osan AB Access

- Korean nationals
- US nationals
- US Foreign nationals
- Non-US Foreign nationals
- Persons from Designated Countries

Lodging

- Expected mission participants: 120 150 people
- Primary lodging venue:
 - Turumi Lodge (~\$60/night)
- Additional & alternate lodging:
 - Osan Hotel, World hotel, other hotels near Osan
 AB. (~\$82/night)
- Designated Country Personnel (DCP) cannot stay on base



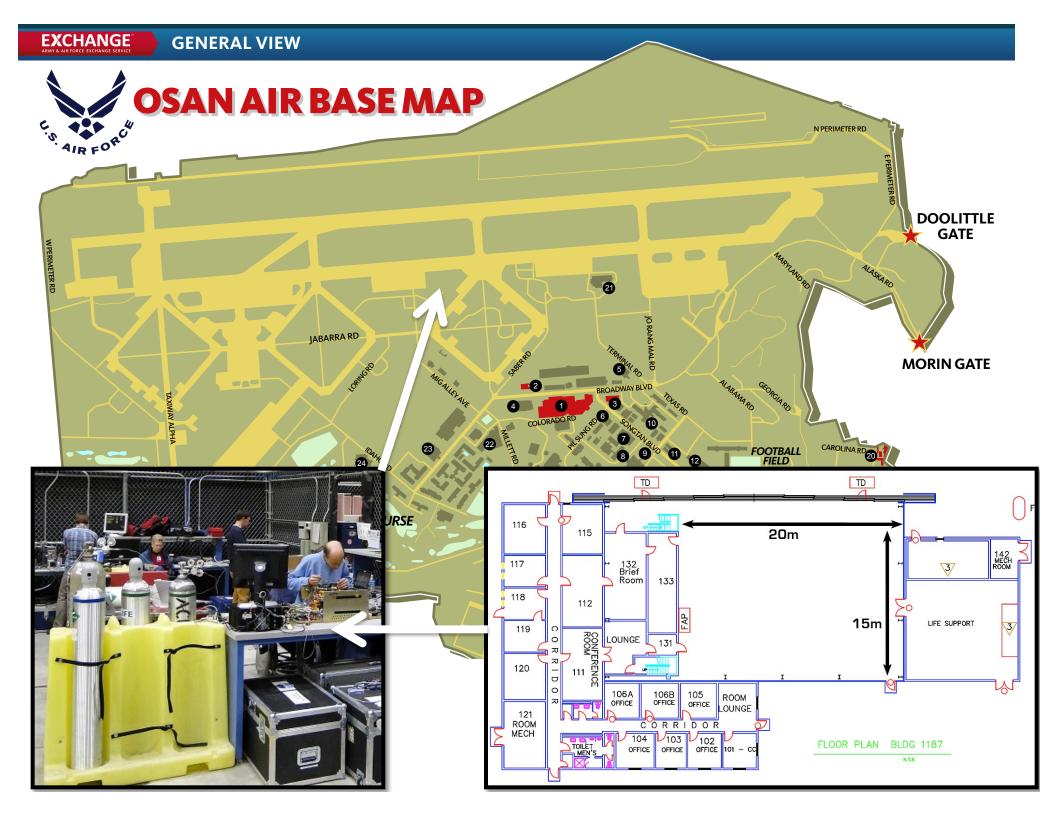


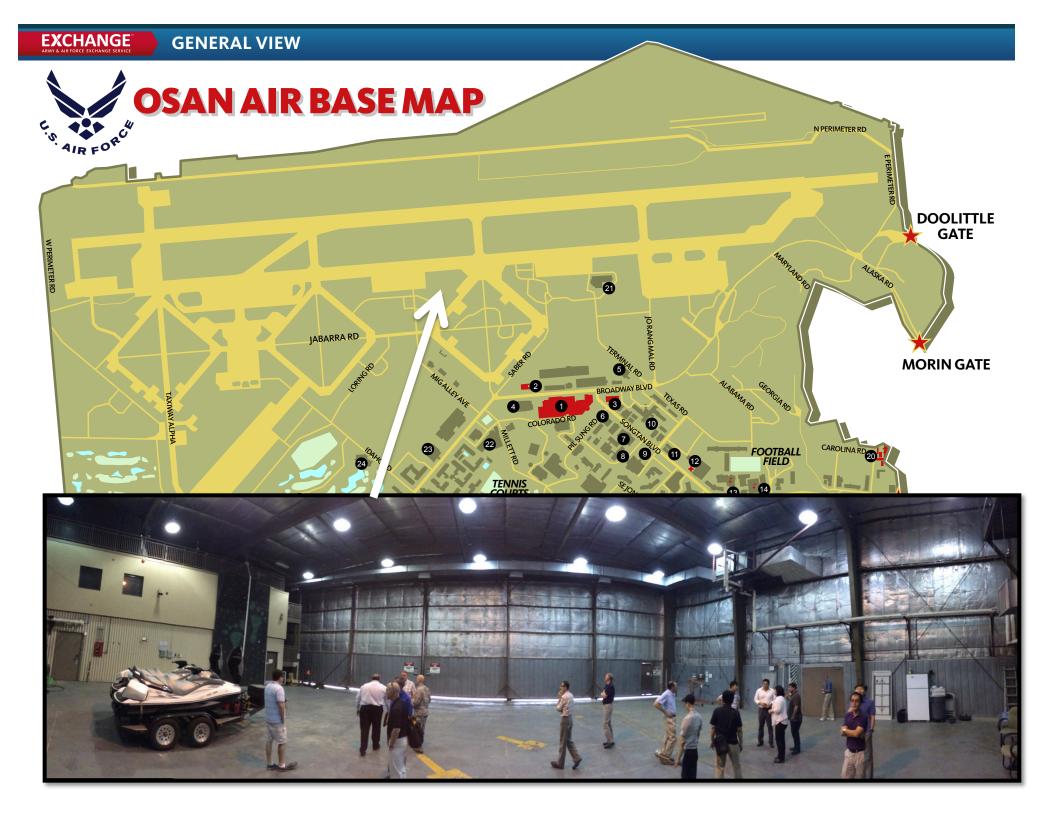
Transportation On the base

- Vehicles
 - Privately owned vehicles need to be registered
 - Rentals vehicle are allowed
 - Parking spaces near working areas
- Everything is within walking distance
 - 1.5Km from hotel to DC-8 parking spot
- Plenty of taxis available at all hours
 - (~3000 Won)
- Alternative methods are also encouraged:
 - Bicycles

Work Areas

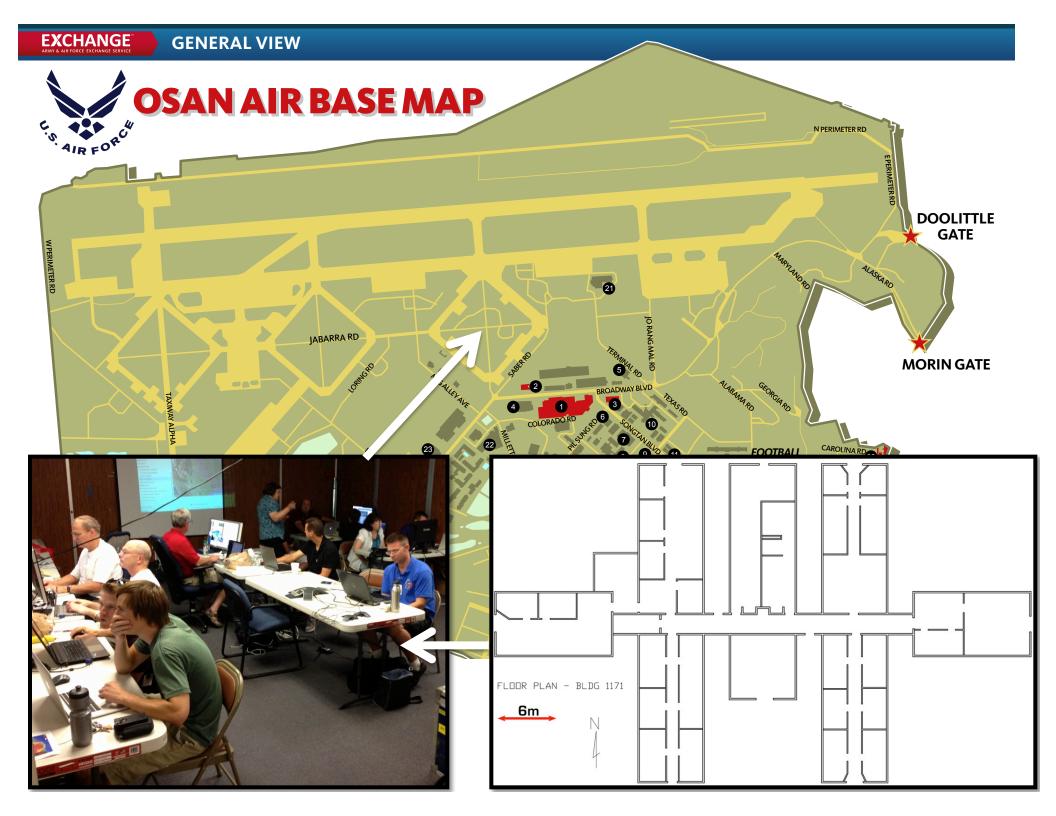
- Hangar Space (building 1187): Instrument Work
 - Closest proximity to DC-8
 - No air conditioning
 - Power available is 120V/60Hz (on 20A circuits)
 - If needed, higher amperage can be requested.
 - Wi-Fi (100Mbs). Is a static IP needed?
- Aircraft parking
 - DC-8
 - 3 B-200 aircraft





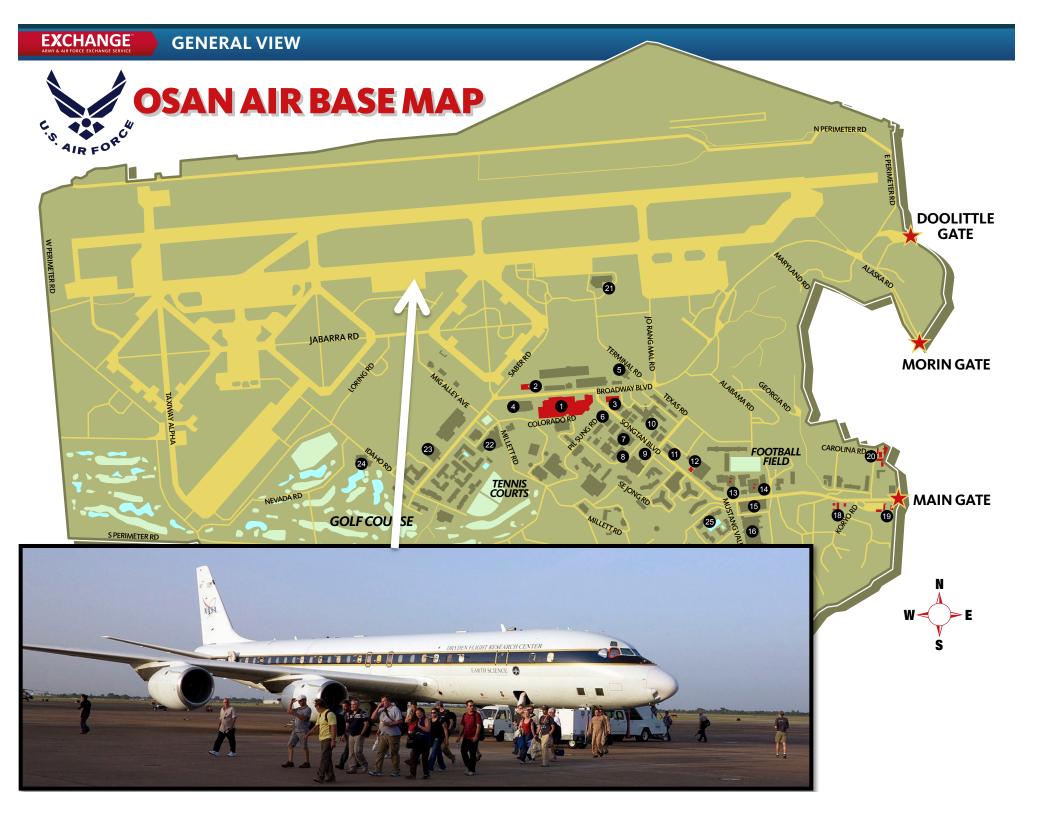
Work Areas

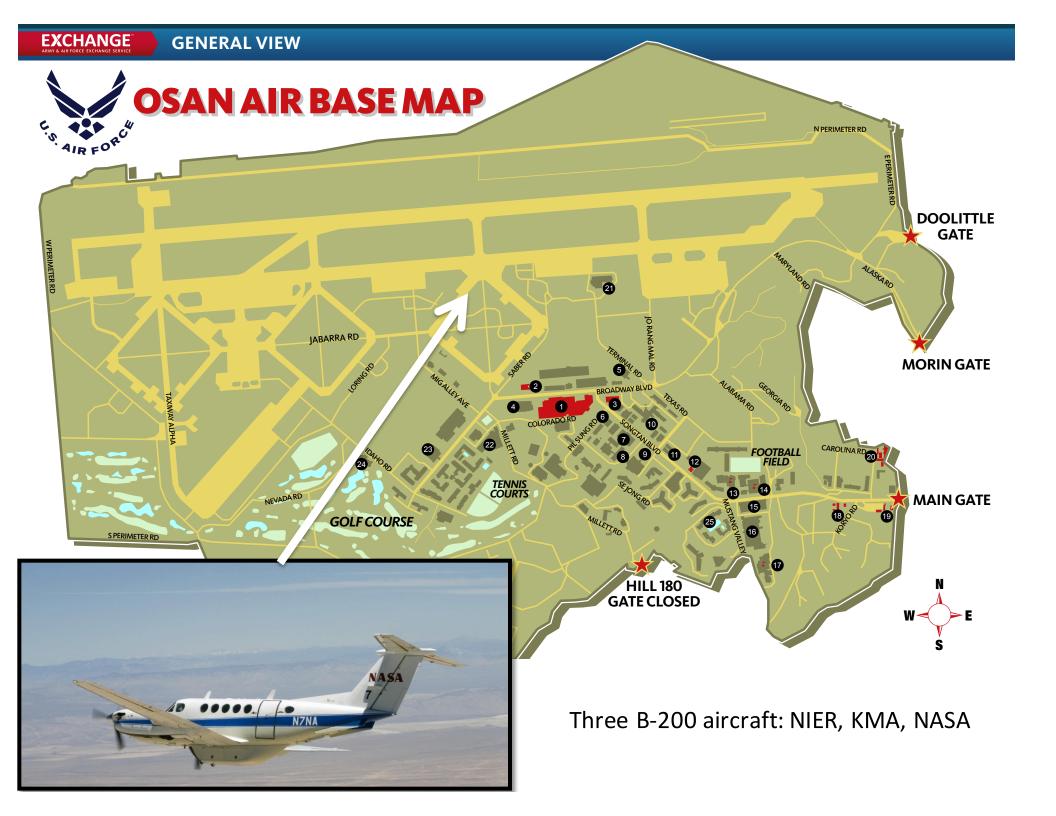
- Office Space (building 1171)
 - Science team, forecast teams, flight crews, etc.
 - Power available is 120V/60Hz (on 20A circuits)
 - If needed, higher amperage can be requested.
 - Wi-Fi (100Mbs). Is a static IP needed?



Work Areas

- Aircraft parking
 - **–** DC-8
 - 3 B-200 aircraft
 - Wi-Fi (~100Mbs) might be beamed from hangar via Point-to-Point



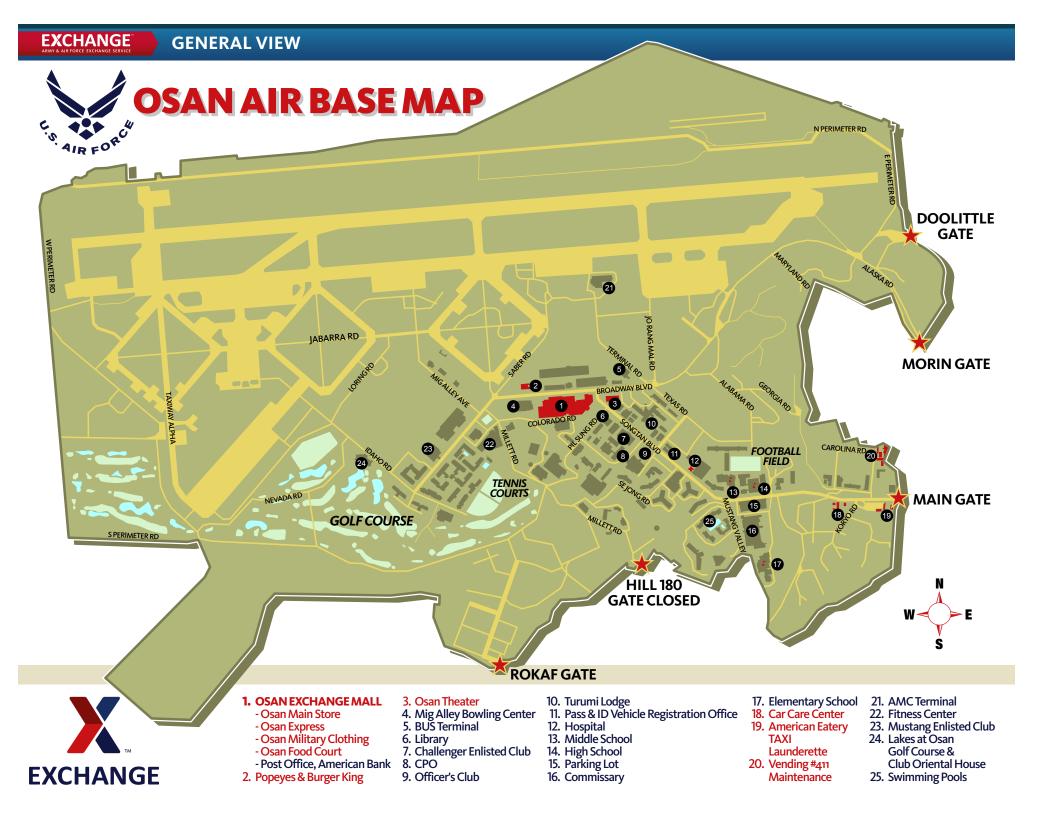


Base Restrictions

- Base restrictions
 - No Photography in the flight line or towards the runway. No photography of military aircraft.
- DCP escorted at all times from entering the base to exiting the base
- Carry Identification:
 - Mission badge
 - Base ID card
 - Other special access/training as needed.
- Last minute visitors:
 - Must be escorted at all times
 - No after hours
 - Cannot stay on base
 - No DCP
 - Aircraft access needs approval.

Project Website

- KORUS-AQ
 - https://espo.nasa.gov/home/korus-aq
- Sample: SEAC4RS
 - https://espo.nasa.gov/missions/seac4rs
- Social Media:
 - https://www.facebook.com/sciflychannel
 - Twitter
 - Other



5 Korean Pl Instruments

- What are they?
- Rack engineering
- Inlet engineering
- Collaborator matching
- What specific supports would be necessary?
- Integration: happening in Korea or Palmdale?
- When should the racks with the instrument show up? Need some extra-time for potential trouble shooting?
- Timeline

Potential Ground Site Augmentation

- Import (ATA-CARNET can be an option... if investigators want a long term observation, NIER can support the import tax exemption just like PANDORA?)
- Power and Space?
- When should the participants be finalized?

Additional Slides

A typical flight day

(Times vary +/- 3 hours depending on takeoff time and a nominal 8-hour flight for the DC-8, but other aircraft will have similar schedules)

- 0330: Ground crew prepares aircraft for access
- 0400: Teams pre-flight instruments
- 0500: Air crew pre-flights aircraft. Science team & pilots visit weather office for briefing. GO/NO-GO decision.
- 0530: Pre-flight brief for everyone. Top off fuel.
- 0630: Doors close
- 0700: Take off
- 0700 1500: Science flight. Ground team monitors flight. Works on data from previous day.
- 1500-1600: Post flight instrument maintenance

A typical planning/non-flight day

- 0800-1600: Aircraft access for instrument maintenance
- 0900-1000: Forecast/flight planning discussions
- 1000-1500: Flight plan development (scientists & navigators)
- 1600: Final flight plan filed for next flight
- 1600-1730: Science team meeting